

## Segment Abstract

### DII COE Core Oracle Database (DIIDB) Segment

ORACLE RDBMS Version 7.3.2.3

#### **PURPOSE:**

Oracle is a COTS relational database management system used to provide data management services within the DII COE Infrastructure Services. Oracle is a full-featured relational database management system. It uses the Structured Query Language (SQL) as its command languages complemented with Oracles procedural language PL/SQL. It provides data storage and retrieval services, network connectivity, and database administrator support services.

The DII COE Core Oracle Database segment provides scripts for and creates a core or default database for the DII. It creates the basic tablespaces and populates them with the Oracle Data Dictionary, SQL help, and Oracle's basic stored procedures and packages for the installed configuration.

#### **EXAMPLE APPLICATION:**

Oracle is used by DII COE developers to provide data services to applications and users. Oracle server segments are installed on a DII COE Database Server. Oracle client segments are installed on DII COE workstations. Databases created by developers are installed on the database server and their data objects are managed by Oracle. Applications accessing Oracle are installed on workstations and use the Oracle client segments to access the database server over the network using Oracle's SQL\*Net product.

#### **PRODUCT QUALIFICATION:**

Oracle has been available as a DII COE Infrastructure Service since the COE's inception. It is one of several COTS DBMS products accepted for use within the DII COE to provide database management services.

#### **IMPLEMENTATION ISSUES:**

The following configuration and memory requirements apply to the default database provided in the DIIDB segment. Other database configuration will have different disk and memory requirements that will be identified in their respective segments

Database Server:

VERSION: 1.0.0.0

CPU: Solaris  
DISK: 70.5 MB  
MEMORY: 6800K

#### **PRODUCT CONSTRAINTS AND LIMITATIONS:**

This database is a basic configuration that may not meet all potential users needs. Program sponsors should evaluate their DBMS performance requirements to determine whether it is suitable. If changes are contemplated to meet program-specific needs, the sponsors assume responsibility for the maintenance of their modifications to the core configuration.

#### **DEPENDENCIES:**

Solaris: 2.5.1  
ORAS: 1.1.0.0

#### **LEGAL RESTRICTIONS:**

The Oracle RDBMS is the property of Oracle Corporation. Installation and execution of this segment is authorized for properly licensed users only. This product is provided in segment form for use within the DII COE as a service to COE developers and users. Developers and users are responsible for making their own licensure arrangements with Oracle Corporation unless DISA or some other Government agency has expressly arranged licensure on their behalf.

#### **MISCELLANEOUS:**

Executive Agent: DISA  
Service POC: Unsupported